

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-3, 5 and 6 are allowed.
Claims 4 and 7-18 have been canceled.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

- A. Cancel claims 4 and 7-18.
- B. Insert an Abstract as follows:

---"ABSTRACT A semiconductor device package includes an electrically conductive lead frame having a plurality of posts disposed at a perimeter of the package. Each of the posts has a first contact surface disposed at the first package face and a second contact surface disposed at the second package face. The lead frame also includes a plurality of post extensions disposed at the second package face. Each of the post extensions includes a bond site formed on a surface of the post extension opposite the second package face. At least one I/O pad on the semiconductor device is electrically connected to the post extension at the bond site using wirebonding, tape automated bonding, or flip-chip methods. The package can be assembled using a lead frame having pre-formed leads, with or without taping, or using partially etched lead frames. A stack of the semiconductor device packages may be formed" ---.

- C. Claim 1, line 12: Delete "face (12)," and insert ---"face (12) and having an edge surface extended entirely from the first package face to the second package face" ---.

Authorization for this examiner's amendment was given in a telephone interview with Jay Anderson on 11-30-09.

Reasons for Allowance

3. The following is an examiner's statement of reasons for allowance:

The references of record do not teach the limitations "each post having a first contact surface disposed at the first package face and a second contact surface disposed at the second package face and having an edge surface extended entirely from the first package face to the second package face", "the plurality of post extensions extending from the plurality of posts toward the semiconductor device, each of the post extensions including a bond site formed on a surface of the post extension opposite the second package face" and "the molding compound is coplanar with side surfaces of the posts at the package side faces, and two package side faces meet to form a square corner at each of four corner regions of the package" in a molded lead frame package having a plurality of posts disposed at a perimeter thereof..

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Parekh whose telephone number is 571-272-1663. The examiner can normally be reached on 09:00AM-05:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Gurley can be reached on 571-272-1670. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAN or Public PAG. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAG system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

NP

12-1-09

/Nitin Parekh/

Primary Examiner, Art Unit 2811

Application/Control Number: 10/563,906
Art Unit: 2811

Page 5